

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR03/00850

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7 B62D 6/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 B62D 6/10, B62D 6/00, G01L 3/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975  
Korean Utility models and applications for utility models since 1975  
Japanese Patents and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Patent Search System in the Korean Intellectual Property Office, SEARCH "torque detector", "rotation detector"

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99/40388 A (LASERSCORE INC.) 12 August 1999 * the whole document	1-5
A	US 6330522 A (Kabushiki Kaisha Tokai Rika Denki Seisakusho) 11 December 2001 * abstract, figure 1	1-5
A	JP 01-116423 A (KOYO SEIKO CORP.) 9 May 1989 * claim 1, figure 2	1-5
A	JP 63-284442 A (KOYO DENSHI KOGYO) 21 November 1988 * claim 1, figure 1	1-5
A	JP 14-090236 A (HITACHI CABLE LTD.) 27 March 2002 * claim 1, figure 1	1-5

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

29 JULY 2003 (29.07.2003)

Date of mailing of the international search report

29 JULY 2003 (29.07.2003)

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9940388 A	12.08.1999	AU 2760699 A CA 2319535 A EP 1051594 A WO 9940388 A	23.08.1999 12.08.1999 15.11.2000 12.08.1999
US 6330522 A	11.11.2001	JP 12-088608 A	31.03.2000
JP 01-116423 A	09.05.1989	None	
JP 63-284442 A	21.11.1988	None	
JP 14-090236 A	27.03.2002	None	

Form PCT/ISA/210 (patent family annex) (July 1998)

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